

What is claimed is:

1. A method of improving installation of software packages, comprising steps of:
defining an object model representing a plurality of components of a software installation package, wherein each component comprises a plurality of objects;
instantiating at least one version of each of the objects, wherein a plurality of versions of selected ones of the objects may be instantiated to reflect differing access rights which are appropriate for potential requesters of the package; and
storing the instantiated objects in a directory, wherein the versions of the objects are associated with the differing access rights.
2. The method according to Claim 1, further comprising the step of populating the instantiated objects with attributes and methods to describe a particular software installation package.
3. The method according to Claim 1, further comprising steps of:
receiving a request from a particular requester for a selected software installation package;
determining the access rights which are appropriate for the particular requester; and
retrieving the selected software installation package from the directory, wherein the retrieved package is dynamically assembled from the stored objects based upon the determined access rights.

1 4. The method according to Claim 3, further comprising steps of:
2 authenticating the particular requester, in response to receiving the request; and
3 determining the access rights and retrieving the selected software installation package only
4 if the authentication succeeds..

1 5. The method according to Claim 3, further comprising the step of installing the retrieved
2 software installation package.

1 6. The method according to Claim 1, wherein the instantiated objects are JavaBeans.

2 7. The method according to Claim 1, wherein the directory is a Lightweight Directory
3 Access Protocol ("LDAP") directory.

4 8. A system for improving installation of software packages, comprising:
5 means for defining an object model representing a plurality of components of a software
6 installation package, wherein each component comprises a plurality of objects;
7 means for instantiating at least one version of each of the objects, wherein a plurality of
8 versions of selected ones of the objects may be instantiated to reflect differing access rights which
are appropriate for potential requesters of the package; and
means for storing the instantiated objects in a directory, wherein the versions of the
objects are associated with the differing access rights.

1 9. The system according to Claim 8, further comprising:

2 means for receiving a request from a particular requester for a selected software
3 installation package;

4 means for the determining access rights which are appropriate for the particular requester;
5 and

6 means for retrieving the selected software installation package from the directory, wherein
7 the retrieved package is dynamically assembled from the stored objects based upon the determined
8 access rights.

1 10. A computer program product for improving installation of software packages, the
2 computer program product embodied on one or more computer-readable media and comprising:

3 computer-readable program code means for defining an object model representing a
4 plurality of components of a software installation package, wherein each component comprises a
5 plurality of objects;

6 computer-readable program code means for instantiating at least one version of each of
7 the objects, wherein a plurality of versions of selected ones of the objects may be instantiated to
8 reflect differing access rights which are appropriate for potential requesters of the package; and

9 computer-readable program code means for storing the instantiated objects in a directory,
10 wherein the versions of the objects are associated with the differing access rights.

1 11. The computer program product according to Claim 10, further comprising:

2 computer-readable program code means for receiving a request from a particular requester

3 for a selected software installation package;

4 computer-readable program code means for the determining access rights which are

5 appropriate for the particular requester; and

6 computer-readable program code means for retrieving the selected software installation

7 package from the directory, wherein the retrieved package is dynamically assembled from the

8 stored objects based upon the determined access rights.

Year	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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